

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
17 March 2005 (17.03.2005)

PCT

(10) International Publication Number
WO 2005/023281 A1

(51) International Patent Classification⁷: **A61K 35/78**

(21) International Application Number:
PCT/KR2004/002255

(22) International Filing Date:
6 September 2004 (06.09.2004)

(25) Filing Language: **English**

(26) Publication Language: **English**

(30) Priority Data:
10-2003-0062418
6 September 2003 (06.09.2003) KR

(71) Applicant (for all designated States except US): **OS-COTEC INC. [KR/KR]; 2-17 Omok-ri Seonggeo-eup Cheonan-si, Chungcheongnam-do 330-831 (KR).**

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KIM, Jung-Keun [KR/KR]; #114-302 Hyundai Apt. Hyojachon Seohyeon-dong Bundang-ku Seongnam-si, Kyunggi-do 463-050 (KR). KIM, Se-Won [KR/KR]; #503-102 Wolbong Hyundai Apt. Ssangyong-dong Cheonan-si,**

Chungcheongnam-do 330-090 (KR). KIM, Hyung-Gun [KR/KR]; #5-108 Jinheung Apt. 65 Cheongdam-dong Kangnam-ku, Seoul 135-100 (KR). KO, Seon-Yle [KR/KR]; #1407 Hanareum Apt. Singwan-dong Kongju-si, Chungcheongnam-do 314-803 (KR). KIM, Jong-Yeo [KR/KR]; #106-304 Ilsung Apt. Ssangyong-dong Cheonan-si, Chungcheongnam-do 330-090 (KR). CHANG, Sunhwa [KR/KR]; #108-410 Dujin Apt. Seonghwan-eup Cheonan-si, Chungcheongnam-do 330-800 (KR). BAEK, Dong-Heon [KR/KR]; 63-4 Samseong-dong, Kangnam-ku, Seoul 135-090 (KR). LEE, Byung-Eui [KR/KR]; #102-106 Life Saeyeoul Apt. Sintanjin-dong Daedeok-ku, Daejeon-si 306-782 (KR). KO, Seong-Hee [KR/KR]; #101-802 Cheongsong Apt. 1293-2 Ponam-2dong, Gangneung-si, Gangwon-do 210-947 (KR). CHOI, Youngnim [KR/KR]; College of Dentistry, Seoul National University 28 Yeongeong-dong Jongno-ku, Seoul 110-460 (KR). JUNG, Dong Sik [KR/KR]; #103-1603 Sungji Apt. Shinbang-dong Cheonan-si, Chungcheongnam-do 330-260 (KR). WOO, Heejong [KR/KR]; #306-1807 Hyangchonhyundai Apt. Shinbang-dong Cheonan-si, Chungcheongnam-do 330-769 (KR).

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(54) Title: **COMPOSITION COMPRISING NOTOGINSENG RADIX EXTRACT FOR PREVENTING AND TREATING ARTHRITIS AS AN EFFECTIVE INGREDIENT**

1) CIA mice without treatment of Notoginseng radix extract



0 day after treatment



21 day after treatment

2) CIA mice with treatment of Notoginseng radix extract



0 day after treatment



21 day after treatment

<RA Score>

- 1 : Light swelling and flair in joint
2 : Clear swelling and flair in joint
4 : Severe swelling and all over the joint

(57) Abstract: The present invention relates to a composition comprising Notoginseng radix extract for preventing and treating arthritis as an effective ingredient. Notoginseng radix extract of the present invention inhibits release of tumor necrosis factor-alpha (TNF- α) and is the death of activated T-cells only, so that it can be effectively used for the production of a medicine for preventing and treating arthritis and health food as well.

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(74) **Agent:** LEE, Won-Hee; 8th Fl. Sung-ji Heights II 642-16 Yoksam-dong Kangnam-ku, Seoul 135-080 (KR).

(81) **Designated States** (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH,

GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

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